

IN THE SPECIFICATION

Please replace the paragraph beginning on page 12 at line 27 with the following new paragraph.

In the embodiment illustrated, the basic interface used is a four line interface between microcontroller 232 and base station 218. This interface permits use of a standard four wire Category Five patch cable to connect the microcontroller 232 and base station 218 in one embodiment, but of course, this is not to be considered limiting. The four wire interface 226 of the present embodiment can be functionally divided into two functional portions. A data transport portion 242 carries two data lines in the current embodiment. A clock portion 246 carries a debug system clock plus the microcontroller clock signal for the microcontroller 232. Three additional lines are also provided (not shown) for supply, ground and a reset line. But, the data transport portion 242 and the clock portion 246 are of primary interest, since the supply and reset functions can be readily provided in any other suitable manner.